

Product information



RBBP4, 1-425aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1656

Full name: Retinoblastoma binding protein 4

NCBI Accession No.: NP_005601

Synonyms: NURF55, RBAP48

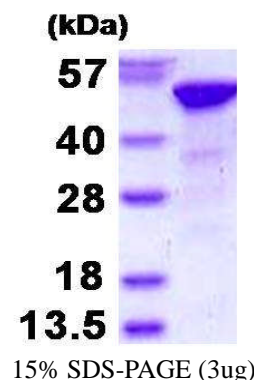
Description: Retinoblastoma binding protein 4, also known as RBBP4, is a ubiquitously expressed nuclear protein which belongs to a highly conserved subfamily of WD-repeat proteins. It is present in protein complexes involved in histone acetylation and chromatin assembly. RBBP4 is also part of co-repressor complexes, which is an integral component of transcriptional silencing. It is found among several cellular proteins that bind directly to retinoblastoma protein to regulate cell proliferation. Recombinant human RBBP4 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM EDTA

Molecular Weight: 50.2 kDa (449aa)

Purity: > 90% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSHMADKEA AFDDAVEERV INEEYKIWKK NTPFLYDLVM THALEWPSLT AQWLPDVTRP EGKDFS I HRL
VLGTHTSDEQ NHLVIASVQL PNDDAQFDAS HYDSEKGEFG GFGSVSGKIE IEIKINHEGE VNRARYMPQN PCIIATKTPS SDVLVFDYTK
HPSKPDPSGE CNPDLRLRGH QKEGYGLSWN PNLSGHLLSA SDDHTICLWD ISAVPKEGKV VDAKTIFTGH TAVVEDVSWH LLHESLFGSV
ADDQKLMIWD TRSNNTSKPS HSDAHTAEV NCLSFNPYSE FILATGSADK TVALWDLRNL KLKLSHFESH KDEIFQVQWS PHNETILASS
GDRRLNVWD LSKIGEEQSP EDAEDGPPEL LFIHGGHTAK ISDFSWNPNE PWVICSVSED NIMQVWQMAE NIYNDEDPEG SVDPEGQGS

General references:

Qian YW., *et al.* (1993) *Nature*. 364(6438): 648-52

Nicolas E., *et al.* (2001) *Nucleic Acids Res.* 29(15): 3131-6.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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